

Table 12.3 Carbon Dioxide Emissions From Energy Consumption: Commercial Sector
(Million Metric Tons of Carbon Dioxide^a)

	Coal	Natural Gas ^b	Petroleum							Retail Elec- tricity ^f	Total
			Distillate Fuel Oil ^c	Kerosene	LPG ^d	Motor Gasoline ^e	Petroleum Coke	Residual Fuel Oil	Total		
1973 Total	15	141	47	5	9	6	NA	52	R 120	334	609
1975 Total	14	136	43	4	8	6	NA	39	R 100	333	583
1980 Total	11	141	38	3	R 6	8	NA	44	98	412	662
1985 Total	13	132	46	2	6	7	NA	18	79	480	704
1990 Total	12	142	39	1	6	8	0	18	R 73	R 566	R 793
1995 Total	11	164	35	2	R 7	1	(s)	11	56	R 620	R 851
1996 Total	12	171	35	2	R 8	2	(s)	11	57	R 643	R 883
1997 Total	12	174	32	2	R 8	3	(s)	9	R 54	R 686	R 926
1998 Total	9	164	31	2	7	3	(s)	7	R 51	R 724	R 947
1999 Total	10	165	32	2	R 9	2	(s)	6	R 51	R 735	R 960
2000 Total	9	173	36	2	9	3	(s)	7	R 58	R 783	R 1,022
2001 Total	9	164	37	2	R 9	3	(s)	6	R 57	R 797	R 1,027
2002 Total	9	171	32	1	R 9	3	(s)	6	R 52	R 795	R 1,027
2003 Total	8	173	35	1	R 10	4	(s)	9	59	R 796	R 1,036
2004 Total	10	170	34	1	R 10	3	(s)	10	58	R 816	R 1,054
2005 Total	9	163	33	2	8	3	(s)	9	R 55	R 842	R 1,069
2006 Total	6	154	29	1	R 8	3	(s)	6	R 48	R 836	R 1,043
2007 Total	7	164	28	1	R 8	4	(s)	6	R 47	R 861	R 1,079
2008 January	1	26	4	(s)	1	(s)	(s)	1	6	R 71	103
February	1	25	4	(s)	1	(s)	(s)	1	6	65	96
March	1	21	3	(s)	1	(s)	(s)	1	5	65	R 91
April	(s)	14	2	(s)	1	(s)	(s)	(s)	4	63	81
May	(s)	10	2	(s)	1	(s)	0	(s)	3	R 68	81
June	1	7	2	(s)	1	(s)	0	(s)	3	76	R 87
July	(s)	7	2	(s)	1	(s)	0	(s)	3	82	R 93
August	(s)	7	1	(s)	1	(s)	0	(s)	3	R 80	R 90
September	(s)	7	1	(s)	1	(s)	(s)	(s)	3	R 73	R 83
October	1	10	2	(s)	1	(s)	(s)	(s)	3	70	R 84
November	1	15	2	(s)	1	(s)	(s)	(s)	4	R 67	R 86
December	1	23	3	(s)	1	(s)	(s)	1	5	R 69	R 98
Total	7	170	27	(s)	R 10	3	(s)	6	46	R 850	R 1,073
2009 January	1	28	3	(s)	1	(s)	(s)	1	5	70	R 104
February	1	23	3	(s)	1	(s)	(s)	1	4	59	87
March	1	19	3	(s)	1	(s)	(s)	1	4	61	85
April	(s)	13	2	(s)	1	(s)	0	(s)	R 4	59	76
May	(s)	9	1	(s)	1	(s)	0	(s)	3	R 64	R 76
June	(s)	7	1	(s)	1	(s)	0	(s)	3	71	R 82
July	(s)	7	2	(s)	1	(s)	0	(s)	3	R 75	R 85
August	(s)	7	2	(s)	1	(s)	(s)	(s)	3	77	R 88
September	(s)	7	2	(s)	1	(s)	(s)	(s)	3	67	78
October	(s)	11	2	(s)	1	(s)	0	(s)	3	66	R 81
November	1	14	2	(s)	1	(s)	(s)	(s)	3	R 62	79
December	1	23	3	(s)	1	(s)	(s)	1	5	R 70	98
Total	6	R 168	25	(s)	10	3	(s)	5	R 44	R 802	R 1,019
2010 January	1	28	3	(s)	1	(s)	(s)	1	R 5	67	R 101
February	1	25	2	(s)	1	(s)	(s)	(s)	4	61	R 91
March	1	19	2	(s)	1	(s)	(s)	(s)	3	60	R 83
April	(s)	12	1	(s)	1	(s)	(s)	(s)	2	R 59	73
May	(s)	9	1	(s)	1	(s)	0	(s)	2	R 67	R 79
June	(s)	7	1	(s)	1	(s)	0	(s)	3	R 76	R 86
July	(s)	7	1	(s)	1	(s)	0	(s)	2	81	91
7-Month Total	3	107	11	(s)	6	2	(s)	2	22	471	603
2009 7-Month Total	4	107	15	(s)	6	2	(s)	3	26	459	595
2008 7-Month Total	4	109	17	(s)	6	2	(s)	4	29	491	633

^a Metric tons of carbon dioxide can be converted to metric tons of carbon equivalent by multiplying by 12/44.

^b Natural gas, excluding supplemental gaseous fuels.

^c Distillate fuel oil, excluding biodiesel.

^d Liquefied petroleum gases.

^e Finished motor gasoline, excluding fuel ethanol.

^f Emissions from energy consumption (for electricity and a small amount of useful thermal output) in the electric power sector are allocated to the end-use sectors in proportion to each sector's share of total electricity retail sales. See Tables 7.6 and 12.6.

R=Revised. NA=Not available. (s)=Less than 0.5 million metric tons.

Notes: • Data are estimates. See "Section 12 Methodology and Sources" at end of section. • See "Carbon Dioxide" in Glossary. • See Note 1, "Emissions of Carbon Dioxide and Other Greenhouse Gases," and Note 2, "Accounting for Carbon Dioxide Emissions From Biomass Energy Combustion," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Web Page: See <http://www.eia.gov/emeu/mer/envirom.html> for all available data beginning in 1973.

Sources: See end of section.

LPG data have been revised beginning in 1973 due to a change in the estimation methodology for the Btu data in Table 3.8a. Retail electricity data have been revised beginning in 1990 due to revised CO2 emissions factors.